

We claim:

1. A supporting and wiping device for a machine wire in a paper-making system, comprising:

a carrier;

a plurality of supporting and wiping strips firmly supported by said carrier and aligned transversely with respect to a direction of movement of the machine wire;

said carrier having two carrying beams aligned substantially parallel to said supporting and wiping strips and two-part transverse webs between said beams, said two-part transverse webs having at least two parts and being configured to be fixed to said beams;

said transverse webs and said supporting and wiping strips being formed with mutually associated voids and projections, for facilitating a connection between said transverse webs and said supporting and wiping strips, and wherein said at least two parts of said transverse webs are displaceably disposed for clamping said supporting and wiping strips.

2. The device according to claim 1, wherein said carrier is a carrier frame.

3. The device according to claim 1, wherein said supporting and wiping strips include carrying strips configured for coupled to said transverse webs in recesses formed in said two parts of the transverse webs.

4. The device according to claim 1, wherein said supporting and wiping strips are formed with grooves, and said two parts of said transverse webs are formed with projections for engaging into said grooves, and for coupling said wiping strips to said transverse webs.

5. The device according to claim 4, wherein said supporting and wiping strips have recesses formed therein, and said two parts of said transverse webs are formed with projections for engaging into said recesses, and for coupling said wiping strips to said transverse webs.

6. The device according to claim 1, wherein said voids of said parts of said transverse webs of said supporting and wiping strips are undercut, and respectively associated said carrying strips of said supporting and wiping strips are formed to widen toward free ends thereof.

7. The device according to claim 4, wherein said voids of said parts of said transverse webs and said grooves or recesses of said supporting and wiping strips are undercut,

and respectively associated said carrying strips of said supporting and wiping strips and said projections of said two parts of said transverse webs are formed to widen toward free ends thereof.

8. The device according to claim 1, wherein said two parts of said transverse webs rest on one another and are formed with mutually offset recesses and projections relative to end faces thereof, whereby mutually coupled said supporting and wiping strips and said transverse webs are clamped as a result of displacing said two parts relative to one another as said transverse webs are fastened to said carrying beams.

9. The device according to claim 1, wherein one of said two parts of said transverse webs is formed as a plate having a side edge formed with recesses and projections, and another one of said two parts of said transverse webs is formed as a double-walled plate surrounding said first plate on two sides, and wherein said double-walled plate has a side edge formed with recesses and projections assigned to said recesses and projections of said first part.

10. The device according to claim 9, wherein said other one of said two parts of said transverse webs has a U-shaped cross section, and a bottom web of said U-shaped cross section is formed with said recesses and with said projections.